7. LAMPIRAN

Lampiran 1. Hasil Observasi Tempat Penjualan Soto Ayam

Aspek yang diamati	SOTO AYAM PAK NIE	SOTO AYAM PAK YO
– Jam Buka	08.00 – 16.00	08.00 – 16.00
– Jumlah Pengunjung (orang/hari)	85,29 ± 24,88	76,43 ± 19,28
– Perilaku Penjual	• Sebelum meracik soto untuk pembeli mangkuk dilap dulu dengan menggunakan serbet yang digantungkan digerobak. • Penjual tidak mencuci tangan saat akan meracik soto • Setelah memberi kuah soto, dandang kuah selalu ditutup kembali. • Soto dengan penyajian satu porsi menggunakan mangkuk 'jago' sedangkan setengah porsi menggunakan mangkuk kecil. • Nasi untuk soto ditempatkan di bakul yang terbuat dari bambu. • Sate ayam yang disajikan tidak tertutup tudung saji semuanya • Penyajian sate telur tidak ditutup dengan tudung saji. • Sambal yang disajikan wadah atau tempanya tidak menggunakan tutup. • Daun seledri, daun bawang dan jeruk hanya ditempatkan pada mangkuk-mangkuk plastik kecil tanpa menggunakan tutup. • Setelah pembeli selesai menyantap soto dan pergi, penjual langsung membersihkan meja • Pengunjung yang datang langsung membuka pelengkap soto dan ada juga pengunjung yang datang tidak langsung membuka pelengkap soto tetapi ngobrol dulu sambil menunggu pesanan datang. • Kebiasaan pembeli saat mengambil sate selalu memilih-milih sate dan sate diulak alik. • Pengunjung selalu tidak menutup kembali pernak –pernik soto setelah mengambilnya.	• Penjual selalu mengelap mangkuk terlebih dahulu sebelum meracik soto. • Penjual tidak mencuci tangan dahulu saat akan meracik soto. • Soto saru porsi atau setengah porsi tetap menggunakan mangkuk soto kecil. • Nasi untuk soto ditempatkan pada bakul yang terbuat dari bambu. • Penyajian sate ayam, sate kerang, tempe, dan sambal dilengkapi dengan tutup. • Penjual menambahkan kuah soto kedalam sambal yang akan disajikan. • Pengunjung yang datang hampir semuanya membuka pelengkap soto sambil menunggu pesanan datang.

Lampiran 2. Nilai Bakteri di Udara

Jam Ke-	Hari Kesatu	Hari Kedua
0	2	8
Log	0.301029996	0.903089987
2	8	3
Log	0.90309	0.4771213
4	13	16
Log	1.1139434	1.20412
6	14	10
Log	1.146128	1
8	17	21
Log	1.2304489	1.3222193
Log Rata – rata	**0.938928058**	**0.981310104**
Standar Deviasi	**0.376412308**	**0.326549159**

Lampiran 3. Hitungan *Total Plate Count* (TPC) Kuah Baru

a. Kuah Sate Ayam Semur Baru Dibuka Tutup (BA_BT)

JAM KE-	KODE SAMPEL	PENGENCERAN	1	2	3	4	5	6	LOG RATA-RATA	STANDAR DEVIASI
0	BA BT	10000	250000	290000	320000	170000	100000	30000		
		100000	2300000	2500000	3000000	1300000	0	0		
		1000000	24000000	20000000	27000000	10000000	3000000	4000000		
		10000000	180000000	150000000	170000000	50000000	0	60000000		
	SPC		250000	290000	320000	170000	100000	30000		
	LOG		5.397940009	5.462397998	5.505149978	5.230448921	5	4.477121255	5.17	0,39
2	BA BT	10000	450000	500000	550000	250000	190000	150000		
		100000	4000000	4800000	5300000	2200000	1300000	1400000		
		1000000	31000000	36000000	42000000	18000000	11000000	7000000		
		10000000	350000000	410000000	470000000	130000000	80000000	30000000		
	SPC		450000	500000	550000	250000	190000	150000		
	LOG		5.653212514	5.698970004	5.740362689	5.397940009	5.2787536	5.176091259	5.48	0,24
4	BA BT	10000	680000	750000	790000	490000	430000	350000		
		100000	6400000	7000000	7500000	4700000	4000000	2500000		
		1000000	58000000	67000000	70000000	48000000	38000000	20000000		
		10000000	530000000	610000000	650000000	400000000	300000000	130000000		
	SPC		680000	750000	790000	490000	430000	350000		
	LOG		5.832508913	5.875061263	5.897627091	5.69019608	5.63346846	5.544068044	5.74	0,12
6	BA BT	10000	1090000	1190000	1260000	970000	930000	680000		
		100000	10500000	11700000	12100000	9300000	8400000	6500000		
		1000000	93000000	107000000	110000000	90000000	80000000	57000000		

		10000000	1000000000	1140000000	1180000000	850000000	760000000	460000000		
	SPC		1090000	1190000	1260000	970000	930000	680000		
	LOG		6.037426498	6.075546961	6.100370545	5.986771734	5.96848295	5.832508913	6.00	0,01
8	BA_BT	10000	1390000	1480000	1590000	1280000	1240000	1090000		
		100000	13000000	14700000	15500000	12500000	12200000	10500000		
		1000000	124000000	139000000	150000000	118000000	113000000	93000000		
		10000000	1210000000	1270000000	1460000000	1100000000	1000000000	840000000		
	SPC		1390000	1480000	1590000	1280000	1240000	1090000		
	LOG		6.1430148	6.170261715	6.201397124	6.10720997	6.09342169	6.037426498	6.12	0,06

Contoh Perhitungan SPC:

- BA_BT

Jam ke-6									
ul	Jml koloni per pengenceran				*Standard Plate Count*		Keterangan	Log CFU/ml	Rata-rata (log CFU / ml)
	10^{-4}	10^{-5}	10^{-6}	10^{-7}	Hasil	Sebenarnya			
1	109	105	93	100	$10,9 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 917,43)	6,03	6,0
2	119	117	107	114	$11,9 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 957,98)	6,07	
3	126	121	110	118	$12,6 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 936,51)	6,10	
4	97	93	90	85	$9,7 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 876,29)	5,98	
5	93	84	80	76	$9,3 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 817,20)	5,96	
6	68	65	57	46	$6,8 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 676,47)	5,83	

b. Kuah Sate Ayam Semur Baru Dibuka Terus (BA_BU)

JAM KE-	KODE SAMPEL	PENGENCERAN	1	2	3	4	5	6	LOG RATA-RATA	STANDAR DEVIASI
0	BA BU	10000	200000	250000	270000	130000	80000	10000		
		100000	1500000	2300000	2000000	1200000	500000	0		
		1000000	13000000	20000000	16000000	5000000	0	3000000		
		10000000	80000000	170000000	110000000	30000000	30000000	50000000		
	SPC		200000	250000	270000	130000	80000	10000		
	LOG		5.301029996	5.397940009	5.431363764	5.113943352	4.903089987	4	5.02	0,54
2	BA BU	10000	400000	480000	500000	210000	170000	110000		
		100000	3800000	4500000	4700000	2000000	1300000	900000		
		1000000	31000000	39000000	46000000	15000000	8000000	0		
		10000000	240000000	350000000	400000000	100000000	50000000	30000000		
	SPC		400000	480000	500000	210000	170000	110000		
	LOG		5.602059991	5.681241237	5.698970004	5.322219295	5.230448921	5.041392685	5.42	0,27
4	BA BU	10000	650000	720000	750000	490000	370000	320000		
		100000	6100000	7000000	7000000	4700000	3500000	3000000		
		1000000	56000000	66000000	61000000	40000000	33000000	25000000		
		10000000	390000000	350000000	300000000	290000000	200000000	240000000		
	SPC		650000	720000	750000	490000	370000	320000		
	LOG		5.812913357	5.857332496	5.875061263	5.69019608	5.568201724	5.505149978	5.71	0,16
6	BA BU	10000	900000	970000	1040000	700000	680000	620000		
		100000	8700000	9500000	9400000	6400000	6200000	5900000		
		1000000	81000000	90000000	89000000	61000000	56000000	53000000		
		10000000	780000000	840000000	770000000	550000000	500000000	480000000		
	SPC		900000	970000	1040000	700000	680000	620000		

	LOG		5.954242509	5.986771734	6.017033339	5.84509804	5.832508913	5.792391689	5.90	0,09
8	BA BU	10000	1230000	1290000	1350000	1100000	1000000	980000		
		100000	12100000	12400000	13000000	10700000	9400000	9300000		
		1000000	118000000	110000000	127000000	101000000	91000000	88000000		
		10000000	1130000000	1070000000	1210000000	950000000	830000000	830000000		
	SPC		1230000	1290000	1350000	1100000	1000000	980000		
	LOG		6.089905111	6.11058971	6.130333768	6.041392685	6	5.991226076	6.05	0,06

Contoh Perhitungan SPC:

- BA_BU

Jam ke-2									
ul	Jml koloni per pengenceran				*Standard Plate Count*		Keterangan	Log CFU/ml	Rata-rata (log CFU / ml)
	10^{-4}	10^{-5}	10^{-6}	10^{-7}	Hasil	Sebenarnya			
1	40	38	31	24	$4{,}0 \times 10^{5}$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 77,5)	5,60	5,42
2	48	45	49	35	$4{,}8 \times 10^{5}$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 729,17)	5,68	
3	50	47	46	40	$5{,}0 \times 10^{5}$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 800)	5,69	
4	21	20	15	10	$< 3{,}0 \times 10^{5}$	$2{,}1 \times 10^{5}$	Hitung pengenceran 10^{-4}	5,32	
5	17	13	8	5	$< 3{,}0 \times 10^{5}$	$1{,}7 \times 10^{5}$	Hitung pengenceran 10^{-4}	5,23	
6	11	9	0	3	$< 3{,}0 \times 10^{5}$	$1{,}1 \times 10^{5}$	Hitung pengenceran 10^{-4}	5,04	

Lampiran 4. Hitungan *Total Plate Count* (TPC) Kuah Campuran dan Kuah Sisa

a. Kuah Sate Ayam Semur Baru ditambah Sisa Dibuka Tutup (BS_BT)

JAM KE-	KODE SAMPEL	PENGENCERAN	1	2	3	4	5	6	LOG RATA-RATA	STANDAR DEVIASI
0	BS BT	10000	350000	470000	590000	270000	200000	120000		
		100000	3300000	4000000	5500000	2200000	1800000	800000		
		1000000	30000000	35000000	45000000	20000000	13000000	10000000		
		10000000	210000000	320000000	430000000	150000000	100000000	40000000		
	SPC		350000	470000	590000	270000	200000	120000		
	LOG		5.544068044	5.672097858	5.770852012	5.431363764	5.301029996	5.079181246	5.463	0,25
2	BS BT	10000	550000	690000	800000	470000	340000	220000		
		100000	5100000	6100000	7000000	4100000	3000000	2000000		
		1000000	48000000	54000000	59000000	33000000	18000000	11000000		
		10000000	380000000	460000000	530000000	210000000	290000000	150000000		
	SPC		550000	690000	800000	470000	340000	220000		
	LOG		5.740362689	5.838849091	5.903089987	5.672097858	5.531478917	5.342422681	5.66	0,21
4	BS BT	10000	790000	900000	1030000	870000	650000	420000		
		100000	7200000	7400000	10000000	8100000	6300000	4000000		
		1000000	65000000	71000000	92000000	73000000	62000000	35000000		
		10000000	600000000	630000000	840000000	690000000	550000000	320000000		
	SPC		790000	900000	1030000	870000	650000	420000		
	LOG		5.897627091	5.954242509	6.012837225	5.939519253	5.812913357	5.62324929	5.86	0,14
6	BS BT	10000	1560000	1780000	spd	1400000	1100000	980000		
		100000	15400000	17000000	13200000	13000000	10500000	9200000		
		1000000	150000000	163000000	130000000	121000000	99000000	87000000		

		10000000	1430000000	1560000000	1180000000	1110000000	840000000	840000000		
	SPC		1560000	1780000	13200000	1400000	1100000	980000		
	LOG		6.193124598	6.250420002	7.120573931	6.146128036	6.041392685	5.991226076	6.28	0,42
8	BS BT	10000	2090000	spd	spd	1780000	1480000	1360000		
		100000	15100000	16200000	spd	17700000	14300000	13500000		
		1000000	148000000	152000000	156000000	169000000	138000000	125000000		
		10000000	1400000000	1480000000	1550000000	1530000000	1310000000	1210000000		
	SPC		2090000	16200000	156000000	1780000	1480000	1360000		
	LOG		6.320146286	7.209515015	8.193124598	6.250420002	6.170261715	6.133538908	6.71	0,83

Contoh Perhitungan SPC:

- BS_BT

Jam ke-0									
ul	Jml koloni per pengenceran				*Standard Plate Count*		Keterangan	Log CFU/ml	Rata-rata (log CFU / ml)
	10^{-4}	10^{-5}	10^{-6}	10^{-7}	Hasil	Sebenarnya			
1	35	33	30	21	$3,5 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 85,71)	5,54	5,46
2	47	40	36	32	$4,7 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 680,85)	5,67	
3	59	55	45	43	$5,9 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 728,81)	5,77	
4	27	22	20	15	$< 3,0 \times 10^5$	$2,7 \times 10^5$	Hitung pengenceran 10^{-4}	5,43	
5	20	18	13	10	$< 3,0 \times 10^5$	$2,0 \times 10^5$	Hitung pengenceran 10^{-4}	5,30	
6	12	8	10	4	$< 3,0 \times 10^5$	$2,6 \times 10^5$	Hitung pengenceran 10^{-4}	5,08	

b. Kuah Sate Ayam Semur Baru ditambah Sisa Dibuka Terus (BS_BU)

JAM KE-	KODE SAMPEL	PENGENCERAN	1	2	3	4	5	6	Log Rata-rata	Standar Deviasi
0	BS BU	10000	330000	430000	550000	240000	120000	80000		
		100000	3000000	4100000	5400000	2100000	1000000	0		
		1000000	21000000	36000000	47000000	15000000	5000000	4000000		
		10000000	140000000	320000000	350000000	90000000	10000000	10000000		
	SPC		330000	430000	550000	240000	120000	80000		
	LOG		5.51851394	5.633468456	5.740362689	5.380211242	5.079181246	4.903089987	5.37	0,33
2	BS BU	10000	530000	660000	780000	450000	340000	190000		
		100000	4300000	6300000	7300000	4300000	3000000	1700000		
		1000000	35000000	52000000	65000000	34000000	19000000	5000000		
		10000000	240000000	480000000	580000000	230000000	240000000	140000000		
	SPC		530000	660000	780000	450000	340000	190000		
	LOG		5.72427587	5.819543936	5.892094603	5.653212514	5.531478917	5.278753601	5.64	0,23
4	BS BU	10000	770000	890000	1000000	830000	650000	320000		
		100000	7300000	8500000	9400000	8100000	6000000	2400000		
		1000000	65000000	74000000	93000000	76000000	50000000	21000000		
		10000000	610000000	720000000	860000000	700000000	430000000	150000000		
	SPC		770000	890000	1000000	830000	650000	320000		
	LOG		5.886490725	5.949390007	6	5.919078092	5.812913357	5.505149978	5.83	0,18
6	BS BU	10000	1150000	1300000	spd	1220000	1070000	700000		
		100000	11300000	12400000	12600000	11400000	10000000	6400000		
		1000000	103000000	119000000	121000000	109000000	95000000	61000000		
		10000000	940000000	1070000000	1200000000	1070000000	890000000	540000000		
	SPC		1150000	1300000	12600000	1220000	1070000	700000		
	LOG		6.06069784	6.113943352	7.100370545	6.086359831	6.029383778	5.84509804	6.20	0,45

8	BS BU	10000	1530000	spd	spd	1700000	1360000	1240000		
		100000	15100000	15500000	spd	16400000	13100000	12000000		
		1000000	140000000	128000000	147000000	157000000	122000000	117000000		
		10000000	1320000000	1170000000	1390000000	1530000000	1040000000	1090000000		
	SPC		1530000	15500000	147000000	1700000	1360000	1240000		
	LOG		6.184691431	7.190331698	8.167317335	6.230448921	6.133538908	6.093421685	6.66	0,84

Contoh Perhitungan SPC:

- BS_BU

Jam ke-4									
ul	Jml koloni per pengenceran				*Standard Plate Count*		Keterangan	Log CFU/ml	Rata-rata (log CFU / ml)
	10^{-4}	10^{-5}	10^{-6}	10^{-7}	Hasil	Sebenarnya			
1	77	73	65	61	$7{,}7 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 792,21)	5,86	5,83
2	89	85	74	72	$8{,}9 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 808,99)	5,94	
3	100	94	93	86	$10{,}0 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 860)	6,00	
4	83	81	76	70	$8{,}3 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 843,37)	5,92	
5	65	60	50	43	$6{,}5 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 661,54)	5,81	
6	32	24	21	15	$3{,}2 \times 10^5$	-	Hitung pengenceran 10^{-4}	5,50	

c. Kuah Sate Ayam Semur Sisa Dibuka Tutup (SI_BT)

JAM Ke-	KODE SAMPEL	PENGENCERAN	1	2	3	4	5	6	LOG RATA-RATA	STANDAR DEVIASI
0	SI BT	10000	600000	740000	870000	480000	400000	300000		
		100000	5400000	7300000	8100000	4300000	2000000	1500000		
		1000000	43000000	65000000	81000000	41000000	30000000	24000000		
		10000000	260000000	610000000	690000000	350000000	100000000	70000000		
	SPC		600000	740000	870000	480000	400000	300000		
	LOG		5.77815125	5.86923172	5.939519253	5.681241237	5.602059991	5.477121255	5.72	0,17
2	SI BT	10000	830000	1000000	1170000	720000	610000	490000		
		100000	8100000	9000000	11600000	5400000	5700000	4200000		
		1000000	76000000	85000000	103000000	51000000	43000000	33000000		
		10000000	760000000	790000000	1010000000	480000000	490000000	400000000		
	SPC		830000	1000000	1170000	720000	610000	490000		
	LOG		5.919078092	6	6.068185862	5.857332496	5.785329835	5.69019608	5.88	0,14
4	SI BT	10000	1370000	1480000	1690000	1260000	1130000	1020000		
		100000	13500000	11000000	16500000	12100000	11200000	9900000		
		1000000	131000000	108000000	159000000	117000000	105000000	94000000		
		10000000	1220000000	1010000000	1550000000	1100000000	1010000000	940000000		
	SPC		1370000	1480000	1690000	1260000	1130000	1020000		
	LOG		6.136720567	6.170261715	6.227886705	6.100370545	6.053078443	6.008600172	6.11	0,08
6	SI BT	10000	spd	spd	2590000	2250000	1780000	1500000		
		100000	26800000	23100000	25200000	22000000	17700000	15000000		
		1000000	264000000	230000000	240000000	215000000	170000000	141000000		
		10000000	2510000000	2240000000	2240000000	2010000000	1630000000	1290000000		
	SPC		26800000	23100000	2590000	2250000	1780000	1500000		
	LOG		7.428134794	7.36361198	6.413299764	6.352182518	6.250420002	6.176091259	6.66	0,57

8	SI_BT	10000	spd	spd	spd	2690000	2280000	2080000		
		100000	spd	spd	28300000	26100000	22900000	21000000		
		1000000	260000000	228000000	275000000	257000000	218000000	205000000		
		10000000	2530000000	2170000000	2590000000	2460000000	2050000000	1960000000		
	SPC		260000000	228000000	28300000	2690000	2280000	2080000		
	LOG		8.414973348	8.357934847	7.451786436	6.42975228	6.357934847	6.318063335	7.21	0,99

Contoh Perhitungan SPC:

- SI_BT

Jam ke-0									
ul	Jml koloni per pengenceran				*Standard Plate Count*		Keterangan	Log CFU/ml	Rata-rata (log CFU / ml)
	10^{-4}	10^{-5}	10^{-6}	10^{-7}	Hasil	Sebenarnya			
1	60	54	43	26	$6,0 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 71,67)	5,77	5,72
2	74	73	65	61	$7,4 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 824,32)	5,87	
3	87	81	81	69	$8,7 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 793,10)	5,94	
4	48	43	41	35	$4,8 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 729,17)	5,68	
5	40	20	30	10	$4,0 \times 10^5$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 75)	5,60	
6	30	15	24	7	$3,0 \times 10^5$	-	Hitung pengenceran 10^{-4}	5,47	

d. Kuah Sate Ayam Semur Sisa Dibuka Terus (SI_BU)

JAM KE-	KODE SAMPEL	PENGENCERAN	1	2	3	4	5	6	LOG RATA-RATA	STANDAR DEVIASI
0	SI BU	10000	540000	700000	810000	450000	380000	270000		
		100000	5200000	6900000	7300000	3000000	3300000	2000000		
		1000000	49000000	69000000	59000000	21000000	25000000	18000000		
		10000000	410000000	560000000	430000000	210000000	240000000	90000000		
	SPC		540000	700000	810000	450000	380000	270000		
	LOG		5.73239376	5.84509804	5.908485019	5.653212514	5.579783597	5.431363764	5.68	0,17
2	SI BU	10000	770000	930000	1090000	680000	580000	390000		
		100000	7500000	9000000	10100000	6400000	3700000	3100000		
		1000000	68000000	84000000	95000000	63000000	28000000	19000000		
		10000000	640000000	750000000	880000000	490000000	340000000	260000000		
	SPC		770000	930000	1090000	680000	580000	390000		
	LOG		5.886490725	5.968482949	6.037426498	5.832508913	5.763427994	5.591064607	5.84	0,16
4	SI BU	10000	1300000	1420000	1640000	1220000	1070000	950000		
		100000	12900000	14000000	16100000	11800000	10400000	9000000		
		1000000	108000000	133000000	149000000	116000000	91000000	72000000		
		10000000	960000000	1300000000	1440000000	1030000000	980000000	760000000		
	SPC		1300000	1420000	1640000	1220000	1070000	950000		
	LOG		6.113943352	6.152288344	6.214843848	6.086359831	6.029383778	5.977723605	6.09	0,08
6	SI BU	10000	spd	spd	2410000	1910000	1620000	1430000		
		100000	25600000	22200000	23800000	18500000	15800000	14100000		
		1000000	250000000	214000000	238000000	179000000	140000000	135000000		
		10000000	2380000000	1830000000	2010000000	1780000000	1090000000	1210000000		
	SPC		25600000	22200000	2410000	1910000	1620000	1430000		
	LOG		7.408239965	7.346352974	6.382017043	6.281033367	6.209515015	6.155336037	6.62	0,58

8	SI_BU	10000	spd	spd	spd	2420000	2080000	1580000		
		100000	spd	spd	27200000	24200000	20500000	15300000		
		1000000	248000000	217000000	270000000	229000000	193000000	114000000		
		10000000	2450000000	2090000000	2610000000	2180000000	1760000000	990000000		
	SPC		248000000	217000000	27200000	2420000	2080000	1580000		
	LOG		8.394451681	8.336459734	7.434568904	6.383815366	6.318063335	6.198657087	7.17	1,02

Contoh Perhitungan SPC:

- SI_BU

Jam ke-8									
ul	Jml koloni per pengenceran				*Standard Plate Count*		Keterangan	Log CFU/ml	Rata-rata (log CFU / ml)
	10^{-4}	10^{-5}	10^{-6}	10^{-7}	Hasil	Sebenarnya			
1	Spd	Spd	248	245	$24{,}8 \times 10^{7}$	-	Hitung pengenceran 10^{-6} karena >2 (hasil = 9,88)	8,39	7,17
2	Spd	Spd	217	209	$21{,}7 \times 10^{7}$	-	Hitung pengenceran 10^{-6} karena >2 (hasil = 9,63)	8,33	
3	Spd	272	270	261	$27{,}2 \times 10^{6}$	-	Hitung pengenceran 10^{-5} karena >2 (hasil = 95,96)	7,43	
4	242	242	229	218	$24{,}2 \times 10^{6}$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 900,83)	6,38	
5	208	205	193	176	$20{,}8 \times 10^{5}$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 846,15)	6,31	
6	158	153	114	99	$15{,}8 \times 10^{5}$	-	Hitung pengenceran 10^{-4} karena >2 (hasil = 626,58)	6,19	

Lampiran 5. Hitungan Total Bakteri *E.coli* untuk Kuah Kuah Baru, Kuah Campuran dan Kuah Sisa

JAM	KODE	ULANGAN						LOG RATA-RATA	STANDAR DEVIASI
		1	2	3	4	5	6		
0	BA BT	480	200	300	1060	2300	1000		
	LOG	2.681241237	2.301029996	2.477121255	3.025305865	3.361727836	3	2.81	0,39
	BA BU	800	600	480	700	0	0		
	LOG	2.903089987	2.77815125	2.681241237	2.84509804	0	0	2.80	1,45
	BS BT	120	40	200	900	1200	600		
	LOG	2.079181246	1.602059991	2.301029996	2.954242509	3.079181246	2.77815125	2.46	0,57
	BS BU	3340	1600	1020	400	0	0		
	LOG	3.523746467	3.204119983	3.008600172	2.602059991	0	0	3.08	1,62
	SI BT	120	80	160	1860	1680	1500		
	LOG	2.079181246	1.903089987	2.204119983	3.269512944	3.225309282	3.176091259	2.64	0,65
	SI BU	280	200	60	1500	1000	620		
	LOG	2.447158031	2.301029996	1.77815125	3.176091259	3	2.792391689	2.59	0,51
2	BA BT	600	820	480	200	300	480		
	LOG	2.77815125	2.913813852	2.681241237	2.301029996	2.477121255	2.681241237	2.64	0,22
	BA BU	200	4400	1000	420	60	0		
	LOG	2.301029996	3.643452676	3	2.62324929	1.77815125	0	2.67	1,26
	BS BT	300	1600	1000	220	1780	0		
	LOG	2.477121255	3.204119983	3	2.342422681	3.250420002	0	2.85	1,22

	BS BU	600	200	300	1000	400	680		
	LOG	2.77815125	2.301029996	2.477121255	3	2.602059991	2.832508913	2.66	0,25
	SI BT	160	60	220	600	0	0		
	LOG	2.204119983	1.77815125	2.342422681	2.77815125	0	0	2.28	1,22
	SI BU	60	40	140	120	480	0		
	LOG	1.77815125	1.602059991	2.146128036	2.079181246	2.681241237	0	2.06	0,92
4	BA BT	120	400	600	60	300	0		
	LOG	2.079181246	2.602059991	2.77815125	1.77815125	2.477121255	0	2.34	1,02
	BA BU	300	200	600	400	0	0		
	LOG	2.477121255	2.301029996	2.77815125	2.602059991	0	0	2.54	1,32
	BS BT	1000	1600	820	1580	20	0		
	LOG	3	3.204119983	2.913813852	3.198657087	1.301029996	0	2.72	1,32
	BS BU	160	400	680	820	200	0		
	LOG	2.204119983	2.602059991	2.832508913	2.913813852	2.301029996	0	2.57	1,09
	SI BT	40	360	600	40	60	200		
	LOG	1.602059991	2.556302501	2.77815125	1.602059991	1.77815125	2.301029996	2.10	0,51
	SI BU	120	240	400	820	0	0		
	LOG	2.079181246	2.380211242	2.602059991	2.913813852	0	0	2.50	1,32
6	BA BT	480	600	320	800	200	600		
	LOG	2.681241237	2.77815125	2.505149978	2.903089987	2.301029996	2.77815125	2.66	0,22
	BA BU	500	560	820	700	580	0		
	LOG	2.698970004	2.748188027	2.913813852	2.84509804	2.763427994	0	2.79	1,14

	BS BT	120	200	420	300	720	820		
	LOG	2.079181246	2.301029996	2.62324929	2.477121255	2.857332496	2.913813852	2.54	0,32
	BS BU	40	560	200	600	240	0		
	LOG	1.602059991	2.748188027	2.301029996	2.77815125	2.380211242	0	2.36	1,05
	SI BT	1560	920	640	200	100	500		
	LOG	3.193124598	2.963787827	2.806179974	2.301029996	2	2.698970004	2.66	0,44
	SI BU	500	1020	600	1400	1120	0		
	LOG	2.698970004	3.008600172	2.77815125	3.146128036	3.049218023	0	2.94	1,21
8	BA BT	640	800	420	120	300	480		
	LOG	2.806179974	2.903089987	2.62324929	2.079181246	2.477121255	2.681241237	2.60	0,30
	BA BU	1000	680	480	80	460	600		
	LOG	3	2.832508913	2.681241237	1.903089987	2.662757832	2.77815125	2.64	0,38
	BS BT	600	680	580	480	1900	0		
	LOG	2.77815125	2.832508913	2.763427994	2.681241237	3.278753601	0	2.87	1,19
	BS BU	820	1040	1200	3660	5680	4020		
	LOG	2.913813852	3.017033339	3.079181246	3.563481085	3.754348336	3.604226053	3.32	0,36
	SI BT	200	100	500	1800	1340	440		
	LOG	2.301029996	2	2.698970004	3.255272505	3.127104798	2.643452676	2.67	0,48
	SI BU	240	400	480	5000	0	0		
	LOG	2.380211242	2.602059991	2.681241237	3.698970004	0	0	2.84	1,54

Lampiran 6. Nilai Suhu (Kuah Baru, Kuah Campuran dan Kuah Sisa)

JAM KE-	ULANGAN	KODE SAMPEL					
		BA BT	BA BU	BS BT	BS BU	SI BT	SI BU
0	1	74	74	72	72	70	70
	2	74	74	72	72	70	70
	3	73	74	73	72	70	70
	4	72	73	73	73	72	70
	5	74	73	73	73	71	71
	6	74	73	74	73	71	71
	RATA-RATA	73.5	73.5	72.83	72.5	70.67	70.33
	STANDAR DEVIASI	0,84	0,55	0,75	0,55	0,82	0,52
2	1	30	28.5	28	29.5	30	29.5
	2	29.5	30	30	29	31	30
	3	30.5	30	31	29	33	33
	4	33	32	34	34	34	33
	5	32	32	34	33	34	34
	6	33	32	34	33	34	34
	RATA-RATA	31.33	30.75	31.83	31.25	32.67	32.25
	STANDAR DEVIASI	1,54	1,47	2,56	2,32	1,75	1,99
4	1	29.5	29	29.5	29	29	30
	2	30	30	32	30.5	31	29
	3	32	33	32	32	31.5	30
	4	34	30	34	34	34	34
	5	34	34	34	34	34	33
	6	34	34	34	34	34	31
	RATA-RATA	32.25	31.67	32.58	32.25	32.25	31.17
	STANDAR DEVIASI	2,10	2,25	1,80	2,14	2,10	1,94
6	1	31	30	28	30	30	30
	2	30	30	30	30	31.5	30.5

	3	31.5	29	32	31	32	31
	4	32	33	33	31.5	34	32
	5	34	34	33	32	33	34
	6	34	34	34	34	34	33
	RATA-RATA	32.08	31.67	31.67	31.42	32.42	31.75
	STANDAR DEVIASI	1,63	2,25	2,25	1,50	1,56	1,54
8	1	30	30	30	30	30	29
	2	32	31	30	30	32	30
	3	33	32	31	32	32	32
	4	34	33	32	32	34	32
	5	34	34	34	33	33	34
	6	34	34	33	34	33	34
	RATA-RATA	32.83	32.33	31.67	31.83	32.33	31.83
	STANDAR DEVIASI	1,6	1,63	1,63	1,60	1,37	2,04

Lampiran 7. Nilai pH (Kuah Baru, Kuah Campuran dan Kuah Sisa)

JAM	ULANGAN	KODE SAMPEL					
		BA BT	BA BU	BS BT	BS BU	SI BT	SI BU
0	1	6.67	6.78	6.59	6.61	6.38	6.34
	2	6.67	6.77	6.59	6.6	6.38	6.33
	3	6.66	6.76	6.59	6.6	6.39	6.33
	4	6.61	6.67	6.62	6.73	6.68	6.67
	5	6.61	6.65	6.62	6.75	6.69	6.66
	6	6.6	6.66	6.65	6.74	6.66	6.67
	RATA-RATA	6.64	6.72	6.61	6.67	6.53	6.5
	STANDAR DEVIASI	0,03	0,06	0,02	0,08	0,16	0,18
2	1	6.59	6.62	6.47	6.44	6.38	6.33
	2	6.66	6.66	6.48	6.43	6.38	6.34
	3	6.6	6.65	6.49	6.44	6.39	6.35
	4	6.59	6.64	6.72	6.7	6.68	6.5
	5	6.59	6.64	6.73	6.69	6.69	6.7
	6	6.61	6.65	6.71	6.5	6.67	6.67
	RATA-RATA	6.61	6.64	6.6	6.53	6.53	6.48
	STANDAR DEVIASI	0,03	0,01	0,13	0,13	0,16	0,17
4	1	6.53	6.54	6.62	6.52	6.27	6.3
	2	6.52	6.52	6.61	6.53	6.28	6.31
	3	6.54	6.53	6.61	6.53	6.28	6.32
	4	6.53	6.58	6.69	6.7	6.62	6.6
	5	6.54	6.57	6.7	6.71	6.62	6.6
	6	6.55	6.56	6.7	6.7	6.63	6.61
	RATA-RATA	6.54	6.55	6.66	6.62	6.45	6.46
	STANDAR DEVIASI	0,01	0,02	0,05	0,10	0,19	0,16
6	1	6.52	6.52	6.3	6.53	6.58	6.3
	2	6.54	6.5	6.31	6.54	6.58	6.3
	3	6.53	6.51	6.32	6.55	6.59	6.31

	4	6.59	6.6	6.67	6.7	6.82	6.79
	5	6.58	6.61	6.68	6.72	6.81	6.8
	6	6.58	6.62	6.69	6.71	6.8	6.78
	RATA-RATA	6.56	6.56	6.50	6.63	6.70	6.55
	STANDAR DEVIASI	0,03	0,06	0,2	0,09	0,12	0,27
8	1	6.69	6.71	6.51	6.44	6.25	6.33
	2	6.69	6.7	6.51	6.44	6.24	6.29
	3	6.7	6.72	6.52	6.45	6.26	6.31
	4	6.55	6.61	6.71	6.7	6.84	6.86
	5	6.56	6.65	6.72	6.69	6.85	6.87
	6	6.57	6.67	6.7	6.68	6.83	6.85
	RATA-RATA	6.63	6.67	6.61	6.57	6.55	6.59
	STANDAR DEVIASI	0,07	0,04	0,11	0,14	0,32	0,30

Lampiran 8. Hasil Tes Normalitas (Kuah Baru)

Tests of Normality

	Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
TPC	.115	60	.049	.884	60	.000
E.COLI	.283	60	.000	.687	60	.000
PH	.087	60	.200(*)	.960	60	.049
SUHU	.443	60	.000	.579	60	.000

.a Lilliefors Significance Correction

Lampiran 9. Hasil Tes Normalitas (Kuah Campuran dan Kuah Sisa)

Tests of Normality

	Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
TPC	.219	120	.000	.816	120	.000
E.COLI	.190	120	.000	.817	120	.000
PH	.129	120	.000	.938	120	.000
SUHU	.443	120	.000	.592	120	.000

a Lilliefors Significance Correction

Lampiran 10. Uji Non parametik *Mann-Whitney U* Total Plate Count (TPC) antar Waktu (Kuah Baru)

Test Statistics(a,b)

	BA_BT	BA_BU
Chi-Square	24.278	24.140
df	4	4
Asymp. Sig.	.000	.000

a Kruskal Wallis Test
b Grouping Variable: JAM KE (0 S/D 8)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	12.500	11.000
Wilcoxon W	33.500	32.000
Z	-.882	-1.121
Asymp. Sig. (2-tailed)	.378	.262
Exact Sig. [2*(1-tailed Sig.)]	.394(a)	.310(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-0 dan jam ke-2)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-0 dan jam ke-4)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-0 dan jam ke-6)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-0 dan jam ke-8)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	7.500	6.500
Wilcoxon W	28.500	27.500
Z	-1.684	-1.845
Asymp. Sig. (2-tailed)	.092	.065
Exact Sig. [2*(1-tailed Sig.)]	.093(a)	.065(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-2 dan jam ke-4)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-2 dan jam ke-6)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-2 dan jam ke-8)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	2.500	7.000
Wilcoxon W	23.500	28.000
Z	-2.486	-1.761
Asymp. Sig. (2-tailed)	.013	.078
Exact Sig. [2*(1-tailed Sig.)]	.009(a)	.093(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-4 dan jam ke-6)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-4 dan jam ke-8)

Test Statistics(b)

	BA_BT	BA_BU
Mann-Whitney U	4.000	2.000
Wilcoxon W	25.000	23.000
Z	-2.250	-2.562
Asymp. Sig. (2-tailed)	.024	.010
Exact Sig. [2*(1-tailed Sig.)]	.026(a)	.009(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-6 dan jam ke-8)

Lampiran 11. Uji Non parametik *Mann-Whitney U* Total Plate Count (TPC) antar Waktu (Kuah Campuran dan Kuah Sisa)

Test Statistics(a,b)

	BS_BT	BS_BU	SI_BT	SI_BU
Chi-Square	23.867	23.183	25.095	24.762
df	4	4	4	4
Asymp. Sig.	.000	.000	.000	.000

a Kruskal Wallis Test
b Grouping Variable: JAM KE (0 S/D 8)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	9.500	8.000	8.000	9.000
Wilcoxon W	30.500	29.000	29.000	30.000
Z	-1.363	-1.601	-1.601	-1.441
Asymp. Sig. (2-tailed)	.173	.109	.109	.150
Exact Sig. [2*(1-tailed Sig.)]	.180(a)	.132(a)	.132(a)	.180(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-0 dan jam ke-2)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	2.000	3.000	.000	.000
Wilcoxon W	23.000	24.000	21.000	21.000
Z	-2.562	-2.402	-2.882	-2.882
Asymp. Sig. (2-tailed)	.010	.016	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.009(a)	.015(a)	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-0 dan jam ke-4)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	.000	.000	.000	.000
Wilcoxon W	21.000	21.000	21.000	21.000
Z	-2.882	-2.882	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-0 dan jam ke-6)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	.000	.000	.000	.000
Wilcoxon W	21.000	21.000	21.000	21.000
Z	-2.882	-2.882	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-0 dan jam ke-8)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	7.000	8.000	2.500	1.500
Wilcoxon W	28.000	29.000	23.500	22.500
Z	-1.761	-1.601	-2.486	-2.647
Asymp. Sig. (2-tailed)	.078	.109	.013	.008
Exact Sig. [2*(1-tailed Sig.)]	.093(a)	.132(a)	.009(a)	.004(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-2 dan jam ke-4)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	.000	1.000	.000	.000
Wilcoxon W	21.000	22.000	21.000	21.000
Z	-2.882	-2.722	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.006	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.004(a)	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-2 dan jam ke-6)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	.000	.000	.000	.000
Wilcoxon W	21.000	21.000	21.000	21.000
Z	-2.882	-2.882	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)	.002(a)	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-2 dan jam ke-8)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	1.000	4.000	1.500	2.000
Wilcoxon W	22.000	25.000	22.500	23.000
Z	-2.722	-2.242	-2.647	-2.571
Asymp. Sig. (2-tailed)	.006	.025	.008	.010
Exact Sig. [2*(1-tailed Sig.)]	.004(a)	.026(a)	.004(a)	.009(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-4 dan jam ke-6)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	.000	.000	.000	1.000
Wilcoxon W	21.000	21.000	21.000	22.000
Z	-2.882	-2.882	-2.882	-2.722
Asymp. Sig. (2-tailed)	.004	.004	.004	.006
Exact Sig. [2*(1-tailed Sig.)]	.002(a)	.002(a)	.002(a)	.004(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-4 dan jam ke-8)

Test Statistics(b)

	BS_BT	BS_BU	SI_BT	SI_BU
Mann-Whitney U	9.500	5.000	9.500	10.500
Wilcoxon W	30.500	26.000	30.500	31.500
Z	-1.363	-2.082	-1.363	-1.203
Asymp. Sig. (2-tailed)	.173	.037	.173	.229
Exact Sig. [2*(1-tailed Sig.)]	.180(a)	.041(a)	.180(a)	.240(a)

a Not corrected for ties.
b Grouping Variable: JAM KE (jam ke-6 dan jam ke-8)

Lampiran 12. Uji Non Parametik *Mann-Whitney U* Total Plate Count (TPC) antar Perlakuan (Kuah Baru)

- **Jam ke-0**

Test Statistics(a,b)

	TPC
Chi-Square	.161
df	1
Asymp. Sig.	.688

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 2)

Test Statistics(b)

	TPC
Mann-Whitney U	15.500
Wilcoxon W	36.500
Z	-.401
Asymp. Sig. (2-tailed)	.688
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

- **Jam ke-2**

Test Statistics(a,b)

	TPC
Chi-Square	.315
df	1
Asymp. Sig.	.575

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 2)

Test Statistics(b)

	TPC
Mann-Whitney U	14.500
Wilcoxon W	35.500
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.589(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

- **Jam ke-4**

Test Statistics(a,b)

	TPC
Chi-Square	.232
df	1
Asymp. Sig.	.630

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 2)

Test Statistics(b)

	TPC
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.482
Asymp. Sig. (2-tailed)	.630
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

- **Jam ke-6**

Test Statistics(a,b)

	TPC
Chi-Square	2.582
df	1
Asymp. Sig.	.108

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 2)

Test Statistics(b)

	TPC
Mann-Whitney U	8.000
Wilcoxon W	29.000
Z	-1.607
Asymp. Sig. (2-tailed)	.108
Exact Sig. [2*(1-tailed Sig.)]	.132(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

- **Jam ke-8**

Test Statistics(a,b)

	TPC
Chi-Square	2.564
df	1
Asymp. Sig.	.109

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 2)

Keterangan :

Perlakuan 1 : BA_BT

Perlakuan 2 : BA_BU

Test Statistics(b)

	TPC
Mann-Whitney U	8.000
Wilcoxon W	29.000
Z	-1.601
Asymp. Sig. (2-tailed)	.109
Exact Sig. [2*(1-tailed Sig.)]	.132(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

Lampiran 13. Uji Non Parametik *Mann-Whitney U* Total Plate Count (TPC) antar Perlakuan (Kuah Campuran dan Kuah Sisa)

- **Jam ke-0**

Test Statistics(a,b)

	TPC
Chi-Square	6.732
df	3
Asymp. Sig.	.081

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

Test Statistics(b)

	TPC
Mann-Whitney U	14.500
Wilcoxon W	35.500
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.589(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

Test Statistics(b)

	TPC
Mann-Whitney U	6.500
Wilcoxon W	27.500
Z	-1.845
Asymp. Sig. (2-tailed)	.065
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	8.500
Wilcoxon W	29.500
Z	-1.524
Asymp. Sig. (2-tailed)	.128
Exact Sig. [2*(1-tailed Sig.)]	.132(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	6.000
Wilcoxon W	27.000
Z	-1.922
Asymp. Sig. (2-tailed)	.055
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	7.000
Wilcoxon W	28.000
Z	-1.761
Asymp. Sig. (2-tailed)	.078
Exact Sig. [2*(1-tailed Sig.)]	.093(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.480
Asymp. Sig. (2-tailed)	.631
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (3 dan 4)

- **Jam ke-2**

Test Statistics(a,b)

	TPC
Chi-Square	6.534
df	3
Asymp. Sig.	.088

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

Test Statistics(b)

	TPC
Mann-Whitney U	16.000
Wilcoxon W	37.000
Z	-.321
Asymp. Sig. (2-tailed)	.748
Exact Sig. [2*(1-tailed Sig.)]	.818(a)

a Not corrected for ties.

b Grouping Variable: PERLAKUAN (1 dan 2)

Test Statistics(b)

	TPC
Mann-Whitney U	6.000
Wilcoxon W	27.000
Z	-1.922
Asymp. Sig. (2-tailed)	.055
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	8.500
Wilcoxon W	29.500
Z	-1.524
Asymp. Sig. (2-tailed)	.128
Exact Sig. [2*(1-tailed Sig.)]	.132(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	6.000
Wilcoxon W	27.000
Z	-1.922
Asymp. Sig. (2-tailed)	.055
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	8.000
Wilcoxon W	29.000
Z	-1.601
Asymp. Sig. (2-tailed)	.109
Exact Sig. [2*(1-tailed Sig.)]	.132(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.480
Asymp. Sig. (2-tailed)	.631
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (3 dan 4)

- **Jam ke-4**

Test Statistics(a,b)

	TPC
Chi-Square	15.775
df	3
Asymp. Sig.	.001

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

Test Statistics(b)

	TPC
Mann-Whitney U	15.500
Wilcoxon W	36.500
Z	-.401
Asymp. Sig. (2-tailed)	.688
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

Test Statistics(b)

	TPC
Mann-Whitney U	1.000
Wilcoxon W	22.000
Z	-2.722
Asymp. Sig. (2-tailed)	.006
Exact Sig. [2*(1-tailed Sig.)]	.004(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	1.000
Wilcoxon W	22.000
Z	-2.722
Asymp. Sig. (2-tailed)	.006
Exact Sig. [2*(1-tailed Sig.)]	.004(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	.500
Wilcoxon W	21.500
Z	-2.807
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	1.000
Wilcoxon W	22.000
Z	-2.722
Asymp. Sig. (2-tailed)	.006
Exact Sig. [2*(1-tailed Sig.)]	.004(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.480
Asymp. Sig. (2-tailed)	.631
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (3 dan 4)

- **Jam ke-6**

Test Statistics(a,b)

	TPC
Chi-Square	9.086
df	3
Asymp. Sig.	.028

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

Test Statistics(b)

	TPC
Mann-Whitney U	12.000
Wilcoxon W	33.000
Z	-.961
Asymp. Sig. (2-tailed)	.337
Exact Sig. [2*(1-tailed Sig.)]	.394(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

Test Statistics(b)

	TPC
Mann-Whitney U	6.500
Wilcoxon W	27.500
Z	-1.845
Asymp. Sig. (2-tailed)	.065
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	7.000
Wilcoxon W	28.000
Z	-1.761
Asymp. Sig. (2-tailed)	.078
Exact Sig. [2*(1-tailed Sig.)]	.093(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	4.000
Wilcoxon W	25.000
Z	-2.242
Asymp. Sig. (2-tailed)	.025
Exact Sig. [2*(1-tailed Sig.)]	.026(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	4.000
Wilcoxon W	25.000
Z	-2.242
Asymp. Sig. (2-tailed)	.025
Exact Sig. [2*(1-tailed Sig.)]	.026(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.480
Asymp. Sig. (2-tailed)	.631

Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (3 dan 4)

- **Jam ke-8**

Test Statistics(a,b)

	TPC
Chi-Square	5.481
df	3
Asymp. Sig.	.140

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

Test Statistics(b)

	TPC
Mann-Whitney U	13.500
Wilcoxon W	34.500
Z	-.722
Asymp. Sig. (2-tailed)	.470
Exact Sig. [2*(1-tailed Sig.)]	.485(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

Test Statistics(b)

	TPC
Mann-Whitney U	8.000
Wilcoxon W	29.000
Z	-1.601
Asymp. Sig. (2-tailed)	.109
Exact Sig. [2*(1-tailed Sig.)]	.132(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	10.000
Wilcoxon W	31.000
Z	-1.281
Asymp. Sig. (2-tailed)	.200
Exact Sig. [2*(1-tailed Sig.)]	.240(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	7.000
Wilcoxon W	28.000
Z	-1.761
Asymp. Sig. (2-tailed)	.078
Exact Sig. [2*(1-tailed Sig.)]	.093(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 3)

Test Statistics(b)

	TPC
Mann-Whitney U	8.000
Wilcoxon W	29.000
Z	-1.601
Asymp. Sig. (2-tailed)	.109
Exact Sig. [2*(1-tailed Sig.)]	.132(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 4)

Test Statistics(b)

	TPC
Mann-Whitney U	14.500
Wilcoxon W	35.500
Z	-.561
Asymp. Sig. (2-tailed)	.575
Exact Sig. [2*(1-tailed Sig.)]	.589(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (3 dan 4)

Keterangan :

Perlakuan 1 : BS_BT

Perlakuan 2 : BS_BU

Perlakuan 3 : SI_BT

Perlakuan 4 : SI_BU

Lampiran 14. Uji Non Parametik *Mann-Whitney U* Bakteri *E.coli* antar Waktu (Kuah Baru)

Test Statistics(a,b)

	BA_BT	BA_BU
Chi-Square	4.000	4.000
df	4	4
Asymp. Sig.	.406	.406

a Kruskal Wallis Test
b Grouping Variable: JAM KE- (0-8)

Lampiran 15. Uji Non Parametik *Mann-Whitney U* Bakteri *E.coli* antar Waktu (Kuah Campuran dan Kuah Sisa)

Test Statistics(a,b)

	BS_BT	BS_BU	SI_BT	SI_BU
Chi-Square	1.106	12.980	7.301	6.707
df	4	4	4	4
Asymp. Sig.	.893	.011	.121	.152

a Kruskal Wallis Test
b Grouping Variable: JAM KE (0 S/D 8)

Test Statistics(b)

	BS_BU
Mann-Whitney U	15.500
Wilcoxon W	36.500
Z	-.402
Asymp. Sig. (2-tailed)	.688
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-0 dan jam ke-2)

Test Statistics(b)

	BS_BU
Mann-Whitney U	13.500
Wilcoxon W	34.500
Z	-.727
Asymp. Sig. (2-tailed)	.467
Exact Sig. [2*(1-tailed Sig.)]	.485(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-0 dan jam ke-4)

Test Statistics(b)

	BS_BU
Mann-Whitney U	13.000
Wilcoxon W	34.000
Z	-.806
Asymp. Sig. (2-tailed)	.420
Exact Sig. [2*(1-tailed Sig.)]	.485(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-0 dan jam ke-6)

Test Statistics(b)

	BS_BU
Mann-Whitney U	7.000
Wilcoxon W	28.000
Z	-1.764
Asymp. Sig. (2-tailed)	.078
Exact Sig. [2*(1-tailed Sig.)]	.093(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-0 dan jam ke-8)

Test Statistics(b)

	BS_BU
Mann-Whitney U	12.000
Wilcoxon W	33.000
Z	-.964
Asymp. Sig. (2-tailed)	.335
Exact Sig. [2*(1-tailed Sig.)]	.394(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-2 dan jam ke-4)

Test Statistics(b)

	BS_BU
Mann-Whitney U	8.500
Wilcoxon W	29.500
Z	-1.524
Asymp. Sig. (2-tailed)	.128
Exact Sig. [2*(1-tailed Sig.)]	.132(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-2 dan jam ke-6)

Test Statistics(b)

	BS_BU
Mann-Whitney U	1.000
Wilcoxon W	22.000
Z	-2.722
Asymp. Sig. (2-tailed)	.006
Exact Sig. [2*(1-tailed Sig.)]	.004(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-2 dan jam ke-8)

Test Statistics(b)

	BS_BU
Mann-Whitney U	15.500
Wilcoxon W	36.500
Z	-.401
Asymp. Sig. (2-tailed)	.688
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-4 dan jam ke-6)

Test Statistics(b)

	BS_BU
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.882
Asymp. Sig. (2-tailed)	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-4 dan jam ke-8)

Test Statistics(b)

	BS_BU
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.882
Asymp. Sig. (2-tailed)	.004
Exact Sig. [2*(1-tailed Sig.)]	.002(a)

a Not corrected for ties.
b Grouping Variable: JAM KE- (jam ke-6 dan jam ke-8)

Lampiran 16. Uji Non Parametik *Mann-Whitney U* Bakteri *E.coli* antar Perlakuan (Kuah Baru)

- **JAM KE-0**

Test Statistics(a,b)

	E.COLI
Chi-Square	1.091
df	1
Asymp. Sig.	.296

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 S/D 2)

- **JAM KE-2**

Test Statistics(a,b)

	E.COLI
Chi-Square	.316
df	1
Asymp. Sig.	.574

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 S/D 2)

- **JAM KE-4**

Test Statistics(a,b)

	E.COLI
Chi-Square	.059
df	1
Asymp. Sig.	.809

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 S/D 2)

- **JAM KE-6**

Test Statistics(a,b)

	E.COLI
Chi-Square	.103
df	1
Asymp. Sig.	.748

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 S/D 2)

- **JAM KE-8**

Test Statistics(a,b)

	E.COLI
Chi-Square	.315
df	1
Asymp. Sig.	.575

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 S/D 2)

Lampiran 17. Uji Non Parametik *Mann-Whitney U* Bakteri *E.coli* antar Perlakuan (Kuah Campuran dan Kuah Sisa)

- **Jam ke-0**

Test Statistics(a,b)

	E.COLI
Chi-Square	.621
df	3
Asymp. Sig.	.892

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

- **Jam ke-2**

Test Statistics(a,b)

	E.COLI
Chi-Square	8.109
df	3
Asymp. Sig.	.044

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

Test Statistics(b)

	E.COLI
Mann-Whitney U	16.000
Wilcoxon W	37.000
Z	-.321
Asymp. Sig. (2-tailed)	.748
Exact Sig. [2*(1-tailed Sig.)]	.818(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

Test Statistics(b)

	E.COLI
Mann-Whitney U	7.500
Wilcoxon W	28.500
Z	-1.696
Asymp. Sig. (2-tailed)	.090
Exact Sig. [2*(1-tailed Sig.)]	.093(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 3)

Test Statistics(b)

	E.COLI
Mann-Whitney U	7.500
Wilcoxon W	28.500
Z	-1.684
Asymp. Sig. (2-tailed)	.092
Exact Sig. [2*(1-tailed Sig.)]	.093(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 4)

Test Statistics(b)

	E.COLI
Mann-Whitney U	5.000
Wilcoxon W	26.000
Z	-2.085
Asymp. Sig. (2-tailed)	.037
Exact Sig. [2*(1-tailed Sig.)]	.041(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 3)

Test Statistics(b)

	E.COLI
Mann-Whitney U	3.000
Wilcoxon W	24.000
Z	-2.402
Asymp. Sig. (2-tailed)	.016
Exact Sig. [2*(1-tailed Sig.)]	.015(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 4)

Test Statistics(b)

	E.COLI
Mann-Whitney U	16.500
Wilcoxon W	37.500
Z	-.242
Asymp. Sig. (2-tailed)	.809
Exact Sig. [2*(1-tailed Sig.)]	.818(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (3 dan 4)

- **Jam ke-4**

Test Statistics(a,b)

	E.COLI
Chi-Square	2.677
df	3
Asymp. Sig.	.444

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

- **Jam ke-6**

Test Statistics(a,b)

	E.COLI
Chi-Square	3.728
df	3
Asymp. Sig.	.292

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

- **Jam ke-8**

Test Statistics(a,b)

	E.COLI
Chi-Square	7.919
df	3
Asymp. Sig.	.048

a Kruskal Wallis Test
b Grouping Variable: PERLAKUAN (1 s/d 4)

Test Statistics(b)

	E.COLI
Mann-Whitney U	3.000
Wilcoxon W	24.000
Z	-2.402
Asymp. Sig. (2-tailed)	.016
Exact Sig. [2*(1-tailed Sig.)]	.015(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 2)

Test Statistics(b)

	E.COLI
Mann-Whitney U	15.000
Wilcoxon W	36.000
Z	-.480
Asymp. Sig. (2-tailed)	.631
Exact Sig. [2*(1-tailed Sig.)]	.699(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 3

Test Statistics(b)

	E.COLI
Mann-Whitney U	10.500
Wilcoxon W	31.500
Z	-1.212
Asymp. Sig. (2-tailed)	.226
Exact Sig. [2*(1-tailed Sig.)]	.240(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (1 dan 4)

Test Statistics(b)

	E.COLI
Mann-Whitney U	6.000
Wilcoxon W	27.000
Z	-1.922
Asymp. Sig. (2-tailed)	.055
Exact Sig. [2*(1-tailed Sig.)]	.065(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 3)

Test Statistics(b)

	E.COLI
Mann-Whitney U	5.000
Wilcoxon W	26.000
Z	-2.085
Asymp. Sig. (2-tailed)	.037
Exact Sig. [2*(1-tailed Sig.)]	.041(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (2 dan 4)

Test Statistics(b)

	E.COLI
Mann-Whitney U	13.000
Wilcoxon W	34.000
Z	-.802
Asymp. Sig. (2-tailed)	.423
Exact Sig. [2*(1-tailed Sig.)]	.485(a)

a Not corrected for ties.
b Grouping Variable: PERLAKUAN (3 dan 4)

Lampiran 18. *Curve Fitting* Lamanya Waktu Penyajian terhadap Kepadatan Bakteri pada Kuah Baru

- **Kuah BA_BT**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.743(a)	63.558	1	22	.000

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNBABT1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	12.192	.171		71.252	.000	11.837	12.547
	JAM KE-	.249	.031	.862	7.972	.000	.184	.314

a Dependent Variable: LNBABT1

- **Kuah BA_BU**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.695(a)	50.194	1	22	.000

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNBABU1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	12.098	.185		65.296	.000	11.714	12.482
	JAM KE-	.240	.034	.834	7.085	.000	.170	.310

a Dependent Variable: LNBABU1

Lampiran 19. *Curve Fitting* Lamanya Waktu Penyajian terhadap Kepadatan Bakteri pada Kuah Campuran dan Kuah Sisa

- **Kuah BS_BT**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.445(a)	17.616	1	22	.000

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNBSBT1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	12.079	.534		22.615	.000	10.971	13.187
	JAM KE-	.409	.098	.667	4.197	.000	.207	.612

a Dependent Variable: LNBSBT1

- **Kuah BS_BU**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.407(a)	15.093	1	22	.001

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNBSBU1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	12.054	.554		21.747	.000	10.904	13.204
	JAM KE-	.393	.101	.638	3.885	.001	.183	.603

a Dependent Variable: LNBSBU1

- **Kuah SI_BT**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.473(a)	19.740	1	22	.000

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNSIBT1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	12.275	.646		19.007	.000	10.935	13.614
	JAM KE-	.524	.118	.688	4.443	.000	.279	.768

a Dependent Variable: LNSIBT1

- **Kuah SI_BU**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.460(a)	18.704	1	22	.000

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNSIBU1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	12.208	.660		18.502	.000	10.839	13.576
	JAM KE-	.521	.120	.678	4.325	.000	.271	.771

a Dependent Variable: LNSIBU1

Lampiran 20. *Curve Fitting* Lamanya Waktu Penyajian terhadap Kepadatan *E.coli* pada Kuah Baru

- **Kuah BA_BT**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.005(a)	.114	1	22	.738

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNBABT1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	5.786	.342		16.900	.000	5.076	6.496
	JAM KE-	.021	.063	.072	.338	.738	-.108	.151

a Dependent Variable: LNBABT1

- **Kuah BA_BU**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.003(a)	.066	1	22	.800

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNBABU1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	6.027	.429		14.042	.000	5.137	6.917
	JAM KE-	.020	.078	.054	.256	.800	-.142	.183

a Dependent Variable: LNBABU1

Lampiran 21. *Curve Fitting* Lamanya Waktu Penyajian terhadap Kepadatan *E.coli* pada Kuah Campuran dan Kuah Sisa

- **Kuah BS_BT**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.001(a)	.029	1	22	.866

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNBSBT1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	6.405	.518		12.366	.000	5.331	7.479
	JAM KE-	-.016	.095	-.036	-.171	.866	-.212	.180

a Dependent Variable: LNBSBT1

- **Kuah BS_BU**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.174(a)	4.630	1	22	.043

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNBSBU1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	5.271	.517		10.203	.000	4.199	6.342
	JAM KE-	.203	.094	.417	2.152	.043	.007	.399

a Dependent Variable: LNBSBU1

- **Kuah SI_BT**

Model Summary(b)

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	.169(a)	4.464	1	22	.046

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNSIBT1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	4.590	.519		8.842	.000	3.513	5.667
	JAM KE-	.200	.095	.411	2.113	.046	.004	.397

a Dependent Variable: LNSIBT1

- **Kuah SI_BU**

Model Summary(b)

Model	R Square Change	Change Statistics			
		F Change	df1	df2	Sig. F Change
1	.460(a)	18.777	1	22	.000

a Predictors: (Constant), JAM KE-
b Dependent Variable: LNSIBU1

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constan)	4.337	.407		10.665	.000	3.493	5.180
	JAM KE-	.322	.074	.679	4.333	.000	.168	.476

a Dependent Variable: LNSIBU1

Lampiran 22. Hasil Uji Korelasi *Kendall tau* antara pH dan Kepadatan Bakteri Selama Waktu Penyajian Kuah Baru

- **Jam ke-0**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	.286
		Sig. (2-tailed)	.	.210
		N	12	12
	PH	Correlation Coefficient	.286	1.000
		Sig. (2-tailed)	.210	.
		N	12	12

- **Jam ke-2**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	.080
		Sig. (2-tailed)	.	.727
		N	12	12
	PH	Correlation Coefficient	.080	1.000
		Sig. (2-tailed)	.727	.
		N	12	12

- **Jam ke-4**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.504(*)
		Sig. (2-tailed)	.	.029
		N	12	12
	PH	Correlation Coefficient	-.504(*)	1.000
		Sig. (2-tailed)	.029	.
		N	12	12

* Correlation is significant at the 0.05 level (2-tailed).

- **Jam ke-6**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.469(*)
		Sig. (2-tailed)	.	.038
		N	12	12
	PH	Correlation Coefficient	-.469(*)	1.000
		Sig. (2-tailed)	.038	.
		N	12	12

* Correlation is significant at the 0.05 level (2-tailed).

- **Jam ke-8**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	.215
		Sig. (2-tailed)	.	.335
		N	12	12
	PH	Correlation Coefficient	.215	1.000
		Sig. (2-tailed)	.335	.
		N	12	12

Lampiran 23. Hasil Uji Korelasi *Kendall tau* antara pH dan Kepadatan Bakteri Selama Waktu Penyajian Kuah Campuran dan Kuah Sisa

- **Jam ke-0**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.583(**)
		Sig. (2-tailed)	.	.000
		N	24	24
	PH	Correlation Coefficient	-.583(**)	1.000
		Sig. (2-tailed)	.000	.
		N	24	24

** Correlation is significant at the 0.01 level (2-tailed).

- **Jam ke-2**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.556(**)
		Sig. (2-tailed)	.	.000
		N	24	24
	PH	Correlation Coefficient	-.556(**)	1.000
		Sig. (2-tailed)	.000	.
		N	24	24

** Correlation is significant at the 0.01 level (2-tailed).

- **Jam ke-4**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.595(**)
		Sig. (2-tailed)	.	.000
		N	24	24
	PH	Correlation Coefficient	-.595(**)	1.000
		Sig. (2-tailed)	.000	.
		N	24	24

** Correlation is significant at the 0.01 level (2-tailed).

- **Jam ke-6**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.217
		Sig. (2-tailed)	.	.142
		N	24	24
	PH	Correlation Coefficient	-.217	1.000
		Sig. (2-tailed)	.142	.
		N	24	24

- **Jam ke-8**

Correlations

			TPC	PH
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.388(**)
		Sig. (2-tailed)	.	.008
		N	24	24
	PH	Correlation Coefficient	-.388(**)	1.000
		Sig. (2-tailed)	.008	.
		N	24	24

** Correlation is significant at the 0.01 level (2-tailed).

Lampiran 24. Hasil Uji Korelasi *Kendall tau* antara pH dan Kepadatan *E.coli* Selama Waktu Penyajian Kuah Baru

- **Jam ke-0**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.016
		Sig. (2-tailed)	.	.944
		N	12	12
	PH	Correlation Coefficient	-.016	1.000
		Sig. (2-tailed)	.944	.
		N	12	12

- **Jam ke-2**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	.161
		Sig. (2-tailed)	.	.484
		N	12	12
	PH	Correlation Coefficient	.161	1.000
		Sig. (2-tailed)	.484	.
		N	12	12

- **Jam ke-4**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.248
		Sig. (2-tailed)	.	.289
		N	12	12
	PH	Correlation Coefficient	-.248	1.000
		Sig. (2-tailed)	.289	.
		N	12	12

- **Jam ke-6**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.109
		Sig. (2-tailed)	.	.629
		N	12	12
	PH	Correlation Coefficient	-.109	1.000
		Sig. (2-tailed)	.629	.
		N	12	12

- **Jam ke-8**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	.512(*)
		Sig. (2-tailed)	.	.023
		N	12	12
	PH	Correlation Coefficient	.512(*)	1.000
		Sig. (2-tailed)	.023	.
		N	12	12

* Correlation is significant at the 0.05 level (2-tailed).

Lampiran 25. Hasil Uji Korelasi *Kendall tau* antara pH dan Kepadatan *E.coli* Selama Waktu Penyajian Kuah Campuran dan Kuah Sisa

- **Jam ke-0**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	.230
		Sig. (2-tailed)	.	.122
		N	24	24
	PH	Correlation Coefficient	.230	1.000
		Sig. (2-tailed)	.122	.
		N	24	24

- **Jam ke-2**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	.220
		Sig. (2-tailed)	.	.141
		N	24	24
	PH	Correlation Coefficient	.220	1.000
		Sig. (2-tailed)	.141	.
		N	24	24

- **Jam ke-4**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.034
		Sig. (2-tailed)	.	.822
		N	24	24
	PH	Correlation Coefficient	-.034	1.000
		Sig. (2-tailed)	.822	.
		N	24	24

- **Jam ke-6**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.026
		Sig. (2-tailed)	.	.862
		N	24	24
	PH	Correlation Coefficient	-.026	1.000
		Sig. (2-tailed)	.862	.
		N	24	24

- **Jam ke-8**

Correlations

			E.COLI	PH
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	.191
		Sig. (2-tailed)	.	.196
		N	24	24
	PH	Correlation Coefficient	.191	1.000
		Sig. (2-tailed)	.196	.
		N	24	24

Lampiran 26. Hasil Uji Korelasi *Kendall tau* antara Suhu dan Kepadatan Bakteri Selama Waktu Penyajian Kuah Baru

- **Jam ke-0**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	.099
		Sig. (2-tailed)	.	.692
		N	12	12
	SUHU	Correlation Coefficient	.099	1.000
		Sig. (2-tailed)	.692	.
		N	12	12

- **Jam ke-2**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.448
		Sig. (2-tailed)	.	.055
		N	12	12
	SUHU	Correlation Coefficient	-.448	1.000
		Sig. (2-tailed)	.055	.
		N	12	12

- **Jam ke-4**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.395
		Sig. (2-tailed)	.	.096
		N	12	12
	SUHU	Correlation Coefficient	-.395	1.000
		Sig. (2-tailed)	.096	.
		N	12	12

- **Jam ke-6**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.530(*)
		Sig. (2-tailed)	.	.023
		N	12	12
	SUHU	Correlation Coefficient	-.530(*)	1.000
		Sig. (2-tailed)	.023	.
		N	12	12

* Correlation is significant at the 0.05 level (2-tailed).

- **Jam ke-8**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.389
		Sig. (2-tailed)	.	.098
		N	12	12
	SUHU	Correlation Coefficient	-.389	1.000
		Sig. (2-tailed)	.098	.
		N	12	12

Lampiran 27. Hasil Uji Korelasi *Kendall tau* antara Suhu dan Kepadatan Bakteri Selama Waktu Penyajian Kuah Campuran dan Kuah Sisa

- **Jam ke-0**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.581(**)
		Sig. (2-tailed)	.	.000
		N	24	24
	SUHU	Correlation Coefficient	-.581(**)	1.000
		Sig. (2-tailed)	.000	.
		N	24	24

** Correlation is significant at the 0.01 level (2-tailed).

- **Jam ke-2**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.263
		Sig. (2-tailed)	.	.094
		N	24	24
	SUHU	Correlation Coefficient	-.263	1.000
		Sig. (2-tailed)	.094	.
		N	24	24

- **Jam ke-4**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.267
		Sig. (2-tailed)	.	.087
		N	24	24
	SUHU	Correlation Coefficient	-.267	1.000
		Sig. (2-tailed)	.087	.
		N	24	24

- **Jam ke-6**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.306(*)
		Sig. (2-tailed)	.	.046
		N	24	24
	SUHU	Correlation Coefficient	-.306(*)	1.000
		Sig. (2-tailed)	.046	.
		N	24	24

* Correlation is significant at the 0.05 level (2-tailed).

- **Jam ke-8**

Correlations

			TPC	SUHU
Kendall's tau_b	TPC	Correlation Coefficient	1.000	-.472(**)
		Sig. (2-tailed)	.	.003
		N	24	24
	SUHU	Correlation Coefficient	-.472(**)	1.000
		Sig. (2-tailed)	.003	.
		N	24	24

** Correlation is significant at the 0.01 level (2-tailed

Lampiran 28. Hasil Uji Korelasi *Kendall tau* antara Suhu dan Kepadatan *E.coli* Selama Waktu Penyajian Kuah Baru

- **Jam ke-0**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	.180
		Sig. (2-tailed)	.	.475
		N	12	12
	SUHU	Correlation Coefficient	.180	1.000
		Sig. (2-tailed)	.475	.
		N	12	12

- **Jam ke-2**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.367
		Sig. (2-tailed)	.	.118
		N	12	12
	SUHU	Correlation Coefficient	-.367	1.000
		Sig. (2-tailed)	.118	.
		N	12	12

- **Jam ke-4**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.279
		Sig. (2-tailed)	.	.244
		N	12	12
	SUHU	Correlation Coefficient	-.279	1.000
		Sig. (2-tailed)	.244	.
		N	12	12

- **Jam ke-6**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.329
		Sig. (2-tailed)	.	.157
		N	12	12
	SUHU	Correlation Coefficient	-.329	1.000
		Sig. (2-tailed)	.157	.
		N	12	12

- **Jam ke-8**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.477(*)
		Sig. (2-tailed)	.	.043
		N	12	12
	SUHU	Correlation Coefficient	-.477(*)	1.000
		Sig. (2-tailed)	.043	.
		N	12	12

* Correlation is significant at the 0.05 level (2-tailed)

Lampiran 29. Hasil Uji Korelasi *Kendall tau* antara Suhu dan Kepadatan *E.coli* Selama Waktu Penyajian Kuah Campuran dan Kuah Sisa

- **Jam ke-0**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	.041
		Sig. (2-tailed)	.	.797
		N	24	24
	SUHU	Correlation Coefficient	.041	1.000
		Sig. (2-tailed)	.797	.
		N	24	24

- **Jam ke-2**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.074
		Sig. (2-tailed)	.	.642
		N	24	24
	SUHU	Correlation Coefficient	-.074	1.000
		Sig. (2-tailed)	.642	.
		N	24	24

- **Jam ke-4**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.041
		Sig. (2-tailed)	.	.795
		N	24	24
	SUHU	Correlation Coefficient	-.041	1.000
		Sig. (2-tailed)	.795	.
		N	24	24

- **Jam ke-6**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	-.004
		Sig. (2-tailed)	.	.980
		N	24	24
	SUHU	Correlation Coefficient	-.004	1.000
		Sig. (2-tailed)	.980	.
		N	24	24

- **Jam ke-8**

Correlations

			E.COLI	SUHU
Kendall's tau_b	E.COLI	Correlation Coefficient	1.000	.089
		Sig. (2-tailed)	.	.573
		N	24	24
	SUHU	Correlation Coefficient	.089	1.000
		Sig. (2-tailed)	.573	.
		N	24	24